

IN THE APPLICATION

OF

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FOR

Man-Made Island Resort Complex with Surface and
Underwater Entertainment, Educational and Lodging
Facilities

FILED WITH

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EXPRESS MAIL MAILING CERTIFICATE
Express Mail® mailing label number: ES 353 874 304 US
Date of Deposit 30 September 2003
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Sutter, Atty. Doc. No. KS-1-am-mv; 04 July 2003

BACKGROUND OF THE INVENTION

Field of the Invention

The present invention relates generally to underwater habitats and, more specifically, to a plurality of interconnected synthetic islands having an independent infrastructure utilizing natural resources in order to operate in an environmentally friendly manner. The present invention houses a marine based theme park in which people interact with the environment for fun and pleasure while learning about and developing respect for the beauty and fragile balance of the ecosystem.

Description of the Prior Art

There are other aquatic structures designed for human habitation. Typical of these is U.S. Patent No. Sept. 29 1903 issued to B. H. Weisker on Sept. 29, 1903.

Another patent was issued to S. Yoneda et al. on Aug. 1, 1972 as U.S. Patent No. 3,680,515. Yet another U.S. Patent No. 1,313,838 was issued to E. D. Stodder on Aug. 19, 1919 and still yet another was issued on Feb. 12, 1974 to J. B. Sjoberg as U.S. Patent No. 3,791,080.

Another patent was issued to S. Akazaki et al. on July 22, 1975 as U.S. Patent No. 3,895,495. Yet another U.S. Patent No. 4,047,390 was issued to W. D. Boyce on Sept. 13, 1977. Another was issued to Morris S. Kahn on Feb. 5, 1980 as U.S. Patent No. 4,186,532 and still yet another was issued on Apr. 1, 1980 to W. Libitzsch et al. as U.S. Patent No. 4,195,658.

Another patent was issued to V. P. Thompson on Nov. 10, 1981 as U.S. Patent No. 4,299,066. Yet another U.S. Patent No. 4,465,149 was issued to Clasky et al. on Jan. 21, 1991. Another was issued to M. Niimura on Sep. 17, 1991 as U.S. Patent No. 5,049,004 and still yet another was issued on Dec. 4, 2001 to Aristizabal as U.S. Patent No. 6,325,012.

U.S. Patent Number 739,961

Inventor: B. H. Weisker

Issued: Sept. 29, 1903

A submarine building composed of water-tight submerged stories below the surface of the water, a number of stories above the surface of the water, and an intermediate or mezzanine story having openings for the entrance of the water, separating the lower submerged stories from the upper stories, substantially as set forth.

U.S. Patent Number 1,313,838

Inventor: Edward D. Stoddard

Issued: Aug. 19, 1919

A submarine observatory comprising a caisson, a stairway in said caisson, observation windows below the water level, means for illuminating the water in the field of view from said windows, and an electrically operated pump, and a float for automatically actuating said pump.

U.S. Patent Number 3,680,515

Inventor: Shoji Yoneda et al.

Issued: Aug. 1, 1972

An undersea observation gallery comprising an annular chamber having sight windows in the outer peripheral wall thereof and an independent combination ballast tank and pontoon connected to the top of said annular chamber and communicated with said annular chamber by a stairway, said annular chamber being submerged or surfaced when water is charged into or discharged from said combination ballast tank and pontoon.

U.S. Patent Number 3,791,080

Inventor: John B. Sjoberg

Issued: Feb. 12, 1974

A floating or land based modular assembly for housing or commercial use including one or more selectively interengageable units. Each unit is of polygonal prefabricated shape and comprises complementary base or hull sections and a roof section which sections are spaced apart by supporting columns, the supporting columns being removed to permit collapsing of the unit. Means are provided for joining any desired number of modular units together,, and for retaining the assembly in place on water or land.

U.S. Patent Number 3,895,495

Inventor: Shigeru Akazaki et al.

Issued: July 22, 1975

An observation vessel incapable of self-propulsion and anchored in the sea for observing underwater and seabottom ecology in a relaxed sightseeing atmosphere in an observation chamber of an undersea observation tower. The latter is mounted for vertical movement below the sea-level at the central portion of the vessel.

U.S. Patent Number 4,047,390

Inventor: William D. Boyce, II

Issued: Sept. 13, 1977

Apparatus for isolating from a body of water a predetermined bottom area and a volume of water or other liquid extending above the bottom area up to the surface of the body of water, comprising a flexible wall member with a flexible and conforming base section formed on its lowermost edge. The base section is adapted to be filled selectively from the surface of the body of water to anchor the wall member to the bottom. A float member is secured to the uppermost section of the wall member to keep the wall member floating above the surface of the body of water.

U.S. Patent Number 4,186,532

Inventor: Morris S. Kahn

Issued: Feb. 5, 1980

An off-shore underwater observatory comprising a lower, submerged observation gallery fitted with at least one observation window and having a ceiling with an opening through which the observation gallery is accessible, and a body of water on top of the gallery such that the combined weight of the structure and the water exceeds the buoyancy. An annular skirt may depend from the ceiling in extension of said opening to a level which is below the head level of a person standing in the gallery, the upper edge(s) of the window(s) not exceeding the lower edge of said skirt.

U.S. Patent Number 4,195,628

Inventor: Wolfgang Lubitzsch et al.

Issued: Apr. 1, 1980

A deep sea diving circulation system for a diver at a diving depth from a station above the water level, comprises a closed respiratory gas delivery line from the station to the diver and a return line from the diver to the station. A CO₂ absorber is arranged in the delivery line above the water level along with means for sensing the value of the oxygen in the delivery line and for supplying a correct oxygen replacement. The respiratory gas is circulated by a compressor which is capable of producing the necessary pressure difference for the level of operation of the diver in respect to the surface. A bypass line is arranged to connect across the inlet and outlet to the compressor and the flow cross-section therethrough is controlled by the pressure in the line circulating system. Cylinders with pressurized breathing gas are connected into the circulating line system before the diver's helmet through a pressure reducer having an after pressure lower than the pressure in the line system before the diver's helmet. The carbon dioxide control device is arranged in a bypass line in

the system located above the water surface and so is an oxygen control device. A pressure reducer is arranged in the circulating line system and it is actuated by the diving depth pressure.

U.S. Patent Number 4,299,066

Inventor: Virley P. Thompson

Issued: Nov. 10, 1981

A dome structure having a plurality of isolatable and preferably environmentally isolatable and inhabitable compartments. These inhabitable compartments are preferably capable of generating an environmental condition capable of supporting animal life and preferably human life. The dome structure comprises a first upper dome section and a first lower dome section which form a first environmentally isolated dome chamber therebetween. The apparatus includes a second upper dome section having a peripheral size smaller than the first upper dome section. A second lower dome section has a peripheral size smaller than the first lower dome section and is capable of being attached to the second upper dome section to form a second environmentally isolated dome chamber. This second isolated dome chamber is surrounded by and environmentally isolated from the aforesaid peripheral portions of the first and second upper dome sections and peripheral portions of the first and second lower dome sections to thereby ensure the isolation in the first and second dome

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chambers. In a particular preferred embodiment, each of the first and second dome chambers are of a size to be occupied by human beings. The structure includes means to generate its own source of power such as electrical power.

U.S. Patent Number 4,565,149

Inventor: Richard Clasky et al.

Issued: Jan. 21, 1986

A semi-submergible spherical residential structure adapted to be floated in a body of water. The structure features a substantially spherical shell having a hollow annular sponson affixed around its maximum girth such that the sponson is parallel to the water surface when the structure is floating in a body of water. The outer diameter of the sponson is sufficiently large so as to stabilize the shell when floating and the sponson has a width which is sufficiently great so as to provide adequate reserve buoyancy to the structure when the latter is weighted.

U.S. Patent Number 4,049,004

Inventor: Masateru Niimura

Issued: Issued Sep. 17, 1991

An underwater building comprises a floating base that is to be fixed to a bottom under water or the sea and a building body is constructed on the base. The base floats on the water surface before construction of the body of the building, and the building body formed thereon has a double-walled construction having an opening between an outside wall and an inside wall. Water is selectively poured into and drained from the opening, and by its weight the building body is controllably sunk into the water. Only a gateway tower portion made in the upper portion of the building body is eventually left projecting out of the water.

U.S. Patent Number 6,325,012

Inventor: Luis Alberto Aristizabal

Issued: Dec. 4, 2001

A complete design for a submergible cabin is submitted, which provides commodities and standards required for housing 8 people with absolute commodity and safety under the water for an indefinite period of time. The infrastructure for life support is located at the coast and the supplies are driven through pipelines anchored to the sea bottom. The level of water in the lower access, which works under the upside down cup principle, is controlled by redundant level sensors, which in turn allow access of fresh air to the cabin, sending to the coast part of the used air in order to not recycle the same air and evacuate bad smell, CO.sub.2 and heat from air conditioner and refrigerator units. The design of the shells and the structure allows its transportation in standard containers and then assembly at the dock, close to the installation place. The total construction from ceiling to floor is carried out with only 3 small forms due to the design is done with repeating pieces in order to reduce costs.

While these aquatic habitats may be suitable for the purposes for which they were designed, they would not be as suitable for the purposes of the present invention, as hereinafter described.

SUMMARY OF THE PRESENT INVENTION

A primary object of the present invention is to provide an environmentally friendly nature-based theme park on a plurality of synthetic islands.

Another object of the present invention is to provide a man-made island resort complex that has a plethora of activities and exhibits that are both surface based and underwater.

Yet another object of the present invention is to provide a man-made island resort complex having a plethora of activities and exhibits that are educational and fun.

Still yet another object of the present invention is to provide a man-made island resort complex that is operated entirely using natural resources.

Another object of the present invention is to provide a man-made island resort complex that may be transported to other locations.

Yet another object of the present invention is to provide a man-made island resort complex that is handicap and pet friendly.

Another object of the present invention is to provide a man-made island resort complex that is simple and easy to use.

Still yet another object of the present invention is to provide a man-made island resort complex that is inexpensive to manufacture and operate.

Additional objects of the present invention will appear as the description proceeds.

The foregoing and other objects and advantages will appear from the description to follow. In the description reference is made to the accompanying drawing, which forms a part hereof, and in which is shown by way of illustration specific embodiments in which the invention may be practiced. These embodiments will be described in sufficient detail to enable those skilled in the art to practice the invention, and it is to be understood that other embodiments may be utilized and that structural changes may be made without departing from the scope of the invention. In the accompanying drawing, like reference characters designate the same or similar parts throughout the several views.

The following detailed description is, therefore, not to be taken in a limiting sense, and the scope of the present invention is best defined by the appended claims.

BRIEF DESCRIPTION OF THE DRAWING FIGURES

In order that the invention may be more fully understood, it will now be described, by way of example, with reference to the accompanying drawing in which:

FIGURE 1 is an illustrative view of the present invention;

FIGURE 2 is a top view of the present invention;

FIGURE 3 is a location and definition of the present invention;

FIGURE 4 is a side view of the present invention;

FIGURE 5 is an illustrative view of the airport island of the present invention;

FIGURE 6 is an illustrative view of the desalinization plant of the present invention;

FIGURE 7 is an illustrative view of the chemical waste and disposal plant of the present invention;

FIGURE 8 is an illustrative view of the monorail system of the present invention;

FIGURE 9 is an illustrative view of the turbo generator power facility of the present invention;

FIGURE 10 is an illustrative view of the underwater rooms of the present invention;

FIGURE 11 is an illustrative view of the above and underwater restaurants of the present invention;

FIGURE 12 is an illustrative view of the golf course island of the present invention.

FIGURE 13 is an illustrative view of the waterfalls and stream of the present invention;

FIGURE 14 is an illustrative view of the pool and stream of the present invention;

FIGURE 15 is a top view of the boat slip station of the present invention;

FIGURE 16 is a top view of the aquarium island of the present invention;

FIGURE 17 is a top view of the floating nightclub of the present invention;

FIGURE 18 is a view of the dolphin shaped guest quarters of the present invention;

FIGURE 19 is a top view of the planetarium of the present invention;

FIGURE 20 is a top view of the island bungalows of the present invention;

FIGURE 21 is a view of the above water bungalows of the present invention;

FIGURE 22 is a chart of other activities of the present invention;

FIGURE 23 is an illustrative view of the whale open ocean habitat of the present invention;

FIGURE 24 is an illustrative view of the shark open ocean habitat of the present invention;

FIGURE 25 is an illustrative view of the compressed air cannon of the present invention;

FIGURE 26 is an illustrative view of the activity mountain of the present invention;

FIGURE 27 is an illustrated view of the church of the present invention;

FIGURE 28 is an illustrative view of the underwater restaurant of the present invention;

FIGURE 29 is an illustrative view of a telephone of the present invention;

FIGURE 30 is an illustrative view of a tri-level unit of the present invention;

FIGURE 31 is an illustrative view of the rain forest enclosure of the present invention;

FIGURE 32 is an illustrative view of the wolf habitat enclosure of the present invention; and

FIGURE 33 is a chart of other provided services, facilities and protocol.

DESCRIPTION OF THE REFERENCED NUMERALS

Turning now descriptively to the drawings, in which similar reference characters denote similar elements throughout the several views, the figures illustrate the man-made island resort complex with entertainment, educational and lodging facilities of the present invention. With regard to the reference numerals used, the following numbering is used throughout the various drawing figures.

- 10 man-made island resort complex
- 12 buoyant base support structure
- 14 anchoring means
- 16 facilities
- 18 transportation means
- 20 aero-gel material
- 22 main island
- 24 satellite island
- 26 retractable anchor pedestals
- 28 guest lodging facilities
- 30 dolphin-shaped hotel

- 32 lobby of 13
- 34 guest room of 30
- 36 penthouse of 30
- 38 water tube of 30
- 40 sub and water pump of 30
- 42 retractable ceiling of 36
- 44 exterior blue light of 30
- 46 elevator of 30
- 48 entrance to 32
- 43 spiral ramp
- 50 cave-shaped bungalow
- 52 dome structure of 50
- 54 interior waterfall and basin of 50
- 56 hot and cold water temperature control switches
- 58 salt/fresh water changing means
- 60 toilet area with hot water
- 62 boardwalk
- 64 underwater guest rooms
- 66 exterior bulletproof glass

68 room access port
70 enclosed escalator tube
72 fresh air and ventilation port
74 emergency oxygen tanks
76 door to room
78 door to tube
80 surface-based lobby
82 tri-level guest unit
84 bulletproof sphere
86 first floor living area
88 second floor children's room
90 third floor swimming pool
92 master bedroom
94 water slide
96 waterfall
98 water feed cylinder
100 light source for 98
102 luminescent control switch
104 wet bar of 82

- 106 children's bar of 88
- 108 hydraulic retractable ceiling
- 110 airport
- 112 runway
- 114 air traffic control tower of 110
- 116 airport security, fire and rescue headquarters
- 118 flight office of 112
- 120 emergency medical services facility of 110
- 122 emergency vehicle hangar of 110
- 124 marina of 110
- 126 nautical plans facility of 110
- 128 visitor comfort station of 110
- 130 flight office of 110
- 132 helipad
- 134 landing lights
- 136 marina island
- 138 support and service facility of 136
- 140 small boat portage of 136
- 142 large boat slip of 136

144 ocean liner slip of 136

146 monorail system

148 sub-surface transport tube of 146

150 concrete stanchions of 146

152 monorail track of 148

154 passenger transport center of 146

156 monorail train of 146

158 passenger compartment of 156

160 drivers compartment of 156

162 bulletproof window of 156

164 turbo-generated power facility

168 turbo-generator of 164

170 water outtake line of 164

172 power distribution line of 164

174 chemical waste and disposal plant

176 power source from turbo-generated power plant

177 waste inlet from facilities

178 treated waste outlet to disposal tank

180 desalinization plant

182 purification system of 180

184 seawater intake conduit of 180

186 outtake conduit of 180

188 fresh water distribution means of 180

189 flow switch of 188

190 18-hole golf course

192 arched access footbridge of 190

194 dolphin waterfall of 192

196 golf ball and tee shaped structure of 190

198 ocean water trap of 190

200 ocean water trap with underwater ball catch of 190

202 restaurants of 196

204 clubhouse of 196

206 underwater pro shop of 196

208 underwater ball catch of 200

210 irrigation holes of 200

212 floating nightclub

214 arched footbridge of 212

216 security check of 212

- 218 interior waterfalls of 212
- 220 royal blue lights of 212
- 222 see-through hunter green stage of 212
- 224 see-through dance floor of 212
- 226 see-through tables of 212
- 228 safety net of 212
- 230 bar area of 212
- 232 spiral ramp of 30
- 234 conference center
- 236 security building
- 238 solar panels
- 240 wind powered generation source
- 242 wave powered generation source
- 244 concrete stanchion of 110
- 246 underwater spa
- 248 above water restaurant
- 250 safety net of 248
- 252 arched access bridge of 248
- 254 see-through underwater restaurant

256 multi-tiered waterfall

258 water pumping station

260 see-through stream to ocean

262 water filtration system of 260

264 arched footbridge over 260

266 swimming pool with see-through bottom

268 first waterfall of 266

270 second waterfall of 266

272 stream of 266

274 bathers island with tree phone of 266

276 restaurant of 266

278 wading bar of 266

280 tiki bar of 266

282 eating area in pool

284 open ocean aquarium

286 planetarium

288 open ocean whale habitat

290 open ocean shark habitat

292 compressed air cannon

294 cannon of 292

296 compressed air chamber of 292

298 air compressor of 292

300 plastic tube of 292

302 in-line pressure valve of 292

304 generator of 292

306 positioning means of 292

308 activity mountain

310 bobsled run

311 safety net

312 skateboard and BMX bike concrete wave rider

314 skydiving pad

316 bungee jumping pad

318 restaurant

320 rock tables

322 waterfall of 308

324 hot air balloon ride

326 cannon bolt sling shot ride

328 slingshot ride

330 elevator

332 ocean water distribution means

334 desalinated water distribution means

336 arched bridge of 308

336 red lights for mountain

338 white lights for 336

340 blue lights for 310

342 church

344 royal blue robe

346 gold trim

348 metallic gold doors

350 white light

352 steps

354 ramp

356 handrail

357 stingray arcade

358 octopus restaurant

360 telephone kiosk

362 voice activated telephone

364 surround sound speaker system
366 simulated rain forest
368 live exotic animals
370 guests
372 wolf habitat
374 wolf
378 welcome building to main island
380 24 hour BBQ
382 constant rainbow
384 floating boat rental
386 theater
388 state of the art gym
390 volleyball court
392 basketball court
394 racquetball court
396 tennis court
398 ice skating rink
400 wave pool
402 laundry facilities

404 shopping facilities

406 see through island walkways

408 workers quarters

410 atoll

412 exotic bird sanctuary

414 atoll restaurant

416 artificial reef

418 hotel lobby dome

420 pool tables

422 paint ball war

424 whale maze

426 medieval gauntlet

428 water volleyball

430 laser dodge

432 virtual reality games

434 mini bowling alley

436 animal spa with 24 hour boarding

438 wave pool

440 scuba diving

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

The following discussion describes in detail one embodiment of the invention (and several variations of that embodiment). This discussion should not be construed, however, as limiting the invention to those particular embodiments, practitioners skilled in the art will recognize numerous other embodiments as well. For definition of the complete scope of the invention, the reader is directed to the appended claims.

FIGURE 1 is an illustrative view of the present invention **10**. The present invention **10** is a man made island complex providing a plurality of facilities **16** including under water guest quarters **64**, an under water monorail **146**, under water spa **246**, an under water restaurant **254**, open ocean marine life wonders and a plurality of above water facilities which may be located off of the main island **22** and accessed by an arched bridge **336** with angel figurines acting as waterfalls. Also including six dolphin shaped hotels **30** with penthouses **36**, bungalows **50**, a waterfall **268** that leads to a pool **266**, game courts, a church **342**, a planetarium **286**, restaurants **248**, **254**, **276**, **358**, a 24 hour BBQ **380**, state of the art gym **388**, full golf course **110**, an airport **110** and much more.

All islands and facilities are handicap and animal friendly. Emergency back up power and other safety features are also provided throughout the resort.

FIGURE 2 is a top view of the present invention **10**. Shown is a top view of the present invention **10**, a man-made floating island complex with above and below water facilities **10** having a constant rainbow **382** serving a dual purpose, one for safety and the other for aesthetic purposes. Each facility shown corresponds with a reference numeral that is defined within the chart on figure 3.

FIGURE 3 is a location and definition chart of the present invention **10** for use with figure 2.

FIGURE 4 is a side view of the present invention **10**. Shown is a side view of the present invention **10** having a main artificial island **22** constructed from an aero-gel material **20** providing a floatable structure **12** supported by concrete stanchions **152** and anchored by means of retractable anchor pedestals **26** that extend and retract with the sea water tides. The island complex **10** comprises self-generating power by means of solar **238**, wave generated **242**, wind generated **240** and turbo-generating **164** electricity. Other sources may

also be provided. Other facilities are provided such as a desalinization plant **180** to remove salts and other chemicals from sea water and supplied to all facilities **16** on the complex **10**. A chemical waste disposal plant **174** is also provided. Satellite islands **24** provide facilities **16** for guests **370**, including emergency service **120**, transportation **18** and activities such as golf **190**, an atoll **410** having a restaurant **414** and artificial reef **416** for surfing, open ocean marine life and others. All facilities **16** are handicap and animal friendly and provide ramps and elevators in case of emergency.

FIGURE 5 is an illustrative view of the airport island **110** of the present invention **10**. A separate aero-gel airport island **110**, supported by concrete stanchions **150** and elevated 12 feet above tidal surge is provided for linking the passenger flow to and from the main island **22**. The airport **110** is designed to receive small passenger planes, courier planes and helicopters and provides facilities for both. The state of the art airport **110** also provides airport security **116** and fire and rescue facilities **116**. The emergency (EMS) facility **120** is also located on the airport island **110**. Other facilities are provided for the visiting masses. No vehicle may land or dock without prior notice to the appropriate authorities for safety reasons. This also includes our own helicopters for EMS

services and tourist rides.

FIGURE 6 is an illustrative view of the desalinization plant **180** of the present invention **10**. The desalinization plant **180** provides the complex facilities **16** with fresh water and uses converted seawater as its source. The plant **180** and process removes salts and other chemicals from seawater, converting the water to fresh useful H₂O. The use between hot or cold water is up to the user and can change from one to the other by means of a switch. A desalinization plant **180** is located on each island and includes flow switch **189**.

FIGURE 7 is an illustrative view of the chemical waste and disposal plant **174** of the present invention **10**. The chemical waste and disposal plant **174** receives and treats all waste materials from the islands facilities **16** and dispenses the treated material to a disposal tank to be disposed of properly. A plant **174** is located on each of the islands. Every island has bathroom facilities.

FIGURE 8 is an illustrative view of the monorail system **146** of the present invention **10**. The monorail system **146** provides a form of transportation to and from the mainland and the main island **22**. It is a

subsurface system and is accessed from a ramp upon the island. The monorail **156** moves in an upward direction to the mainland. At the distal end of the monorail track **152** (mainland), an exit ramp is provided for loading and unloading. The driver can stop the monorail **156** or send an alert message to the main security building **116**. Oxygen drops down for all passenger seats. Also, people or guests do not have access to the drivers.

FIGURE 9 is an illustrative view of the turbo generator power facility **164** of the present invention **10**. The turbo-generators **168** provide the island complex **10** with its main source of electricity and is located within the core of the main islands **22** structure. The ramp is an escalator if there are no power outages.

FIGURE 10 is an illustrative view of underwater guest rooms **64** of the present invention **10**. The underwater rooms **64** (20 to a string) are accessed by an escalator **70** which turns into a ramp in case of a power failure. Each underwater guest room **64** has its own entrance **76** and a second door **78** in the case of flooding and provides a panoramic view of the underwater world. Each underwater guest room **64** is constructed of bulletproof glass. Exotic gardens

surround each unit, providing an added attraction to fish and human observers. Each unit is provided with emergency air tanks **74** and has two doors **76, 78** providing access, in case of decompression or flooding that may head to other rooms also, each room is self-ventilated with ocean air via lobby by a fresh air and ventilation port **72**. Each underwater guest room **64** provides a different theme.

FIGURE 11 is an illustrative view of the above water restaurant **248** and underwater restaurant **254** of the present invention **10**. The above water restaurant **248** is see through and is located off the main island **22** and is accessed by an arched footbridge **252**. The shape of said island may itself be island shaped. The under water restaurant is located below the above restaurant and is accessed the same way. The above water restaurant **248** provides an island type setting as where the under water restaurant **254** provides a maritime setting. An ocean pipe runs through both levels and cascades as a waterfall from the upper level of the above water restaurant **248**, a back up pump system can assist in its effort.

FIGURE 12 is an illustrative view of the golf course island **190** of the present invention **10**. The golf course **190** is an 18-hole course and is accessible by an arched bridge **192** from the main island **22** to the golf course island **190**. The arched bridge **192** comprises two dolphin waterfalls **194** that cascade thereover. A clubhouse **204** in the shape of a tee provides eateries **202** and underwater pro shops **206**. An ocean water trap with under water ball catch **200** is comprised of hard plastic with fine holes **210** on the outer portion and inside allows grass to grow through on the edges and allows oxygen through water area keeping it clean. The net **198** around the golf course island **190** is designed to be above water but partially in so that fish do not become trapped within the device. All golf balls are collected as not to pollute the ocean waters. Grass grows through irrigation holes **210** allowing underwater ball catch **200** to stay in place.

FIGURE 13 is an illustrative view of the waterfalls and stream **260** of the present invention **10**. The multi-tier waterfall **256** of the stream **260** provides a plurality of tiers that cascade into a see through stream **260** to the ocean. The water used is pumped up from the sea and fed into the waterfall **256** and filtered **262** through special rocks that collect micro fibers as it is reused. The stream **260** meanders approximately 1/2 block from the falls **256** to the pool **266**. There

is no need for chlorine due to constant water flow. The sun, polymeric structure and the flowing of the water warms up the water prior to reaching the final destination, the pool **266**.

FIGURE 14 is an illustrative view of the pool **266** and stream **260** of the present invention **10**. The pool **266** is fed by ocean water through a pumping and filtration system **258** to the cascading waterfall **256** via the stream **260** to the pool **266**. A second waterfall **270** in the pool **266** is linked to the main fall **268** for double filtration and having a sitting area under it. The water is constantly being refiltered as it goes through the cycle, so there is no need for chlorine as not to pollute the ocean.

FIGURE 15 is a top view of the marina island **136** of the present invention **10**. The marina island **136** is a floating embodiment having facilities **138** and large ship slips **142,144** and small boat slips **140**. No persons are to dock without prior nautical plans including cruise liners.

FIGURE 16 is a top view of the aquarium **284** of the present invention **10**. The open ocean aquarium **284** of the present invention **10** is located on its own

satellite island **24** close to the main island **22**. It provides exotic sea life for the publics viewing. The guests **370** can interact with the marine life under the guidance and supervision of a professional staff. The transportation facilities for the aquarium **284** are located away from the area so not to disturb its inhabitants.

FIGURE 17 is a top view of the floating nightclub **212** of the present invention **10**. The floating nightclub **212** of the present invention **10** is supported by concrete stanchions and is accessible by an arched footbridge **192** and provides security check **216** upon entering. The island shaped nightclub **212** comprises two indoor waterfalls **218** that are linked together and fed by ocean water, see through dance floor **224** and stage **222**, two bar areas **230**, tropical setting and lounge deck. A tight mesh net surrounds the nightclub **212** as a safety net **226** and is above water so as not to trap fish. There is no access to the underside portion of the floating nightclub **212** with the exception of a repair entrance.

FIGURE 18 is a view of the dolphin shaped guest quarters **30** of the present invention **10**. There are six different dolphin guest quarters **30** on the main island **22**. Each dolphin form will be standing upright on their flukes and

facing in different directions due to the lights **44** from the eyes and are located on various parts of the main island **22**. Elevators **46** go up from the lobby **32** and are surrounded by a spiral ramp **49** for emergency situations through the middle of the structure. Ocean water is pumped up a cylinder **39** through the elevator **46** to feed water to the penthouse **36** for aesthetic purposes.

FIGURE 19 is a top view of the planetarium of the present invention. The 3D planetarium **286** of the present invention **10** is provided for the guests of the complex **10** and is an educational facility providing animal life and marine life, astrology as well as bible films.

FIGURE 20 is a top view of the island bungalows **50** of the present invention **10**. The island bungalows **50** are shaped like a cave having a constant flowing waterfall **54** that may be turned from salt water to fresh water as required by the visitor adding a dual purpose of beauty and shower and presenting a feeling of the outdoors. There is a control switch **56** and pump provided in each unit. There is also a flow switch for all bungalows over water and on land for the water falls.

FIGURE 21 is a view of the above water bungalows **50** of the present invention **10**. A plurality of above water bungalows **50** are shaped like caves having a constant flowing waterfall **54** that may be turned from salt water to fresh water as required by the guests including hot and cold water, each unit having its own controls **56**. The bungalows **50** are located on a boardwalk **62** stretching over the water. Room settings will differ from illustration shown above. Each waterfall **54** will have its own flow switch **58** and can be located in different areas of the room depending on its view.

FIGURE 22 is a chart of other activities of the present invention **10**. The above chart describes further activities visitors can enjoy on the complex of the present invention **10**.

FIGURE 23 is an illustrative view of the whale open ocean habitat **288** of the present invention **10**. The above illustration shows the whale open ocean habitat **288** located on a separate part of the island. The facilities have various sea life that will exhibit them in their natural habitat which may entail the inclusion of mating pairs as determined by the marine biology staff. The above illustration shows the whale open ocean tank **288** located on a separate side of

the island. Certain habitat parameters are variable to trigger certain biological function to mimic their natural habitat, e.g. water temperature variation to mimic migration scenario.

FIGURE 24 is an illustrative view of the open ocean shark tank **290** of the present invention **10**. The facilities have various sea life tanks that will exhibit them in their natural habitat which may entail the inclusion of mating pairs as determined by the marine biology staff. The above illustration shows the open ocean shark habitat **290**, located on one part of the island. Certain habitat parameters are variable to trigger certain biological function to mimic their natural habitat, e.g. water temperature variation to mimic migration scenario. Also available are protective enclosures whereby guests can view the sharks in their natural habitat.

FIGURE 25 is an illustrative view of the air cannon **292** of the present invention **10** in use. Shown is a compressed air cannon **292** using a generator **304** to pump air into a compression chamber **296**, and capable of distance regulation by the amount of air showing on the valve **302** is provided as an additional activity. The air cannon **292** is designed to shoot guests **370** into the

water at a pre-selected angle. The cannon **294** will be able to accommodate about 250 pounds. The air cannon **292** is held stable by bolts to the island surface. The air cannon is comprised of a cannon **294** with an aluminum compression chamber **296** welded within the compartment, and has a weather sealant. In operation, a cannoneer pushes a switch on the valve connected to the generator **304** that activates the latch, and then allows for compressed air to shoot a person into the water at a pre-selected angle. Special gear is worn by the user for additional safety.

FIGURE 26 is an illustrative view of the activity mountain **308** of the present invention **10**. Shown is a view of the 100 foot activity mountain **308** which is located on its own satellite island **24** having a plurality of activities, a restaurant **318** and facilities for its guests **370**. Included in the activities are the cannon **292**, skydiving **314**, hot air balloon **324**, bungee jumping **316**, skateboarding and BMX biking **312** and slingshot bobsled run **310** with a safety net **311** and others. The slingshot **328** consists of an elastomeric sling with a collapsible seat, when sprung, the user can travel a predetermined distance into the water. The mountain **308** is illuminated by red lights **336** in the evening; the arched bridge **336** with white lighting **338** and the bobsled run **310** is awash in

royal blue light **340** to provide a dynamic effect. Ocean water is drawn through a feed pipe **332** for the bobsled run **310** and waterfall **322** and desalinated water is supplied for human and pet consumption.

FIGURE 27 is an illustrative view of the church **342** of the present invention **10**. Shown is a view of the church **342** located on the main island **22**. The shape of the church **342** and positioning of structural architecture may not be depicted as it will appear upon completion. The figure of God will have very faint blue eyes and will be looking up towards heaven. He will be wearing a royal blue robe **344** with gold trim **346** and access is provided therein through metallic gold doors **348**. a white beam of light **350** will be ascending from his upraised hand. God is holding the church in the shape of the earth representing all that he has created.

FIGURE 28 is an illustrative view of the stingray arcade **357** with octopus restaurant **358** of the present invention **10**. Shown is a view of the under water restaurant **358** inside the arcade in the shape of an octopus. Stingray is also a snack bar that children can acquire food and drink using tokens that are also used to play the provided games with or they would be issued a money card.

FIGURE 29 is an illustrative view of a telephone kiosk **360** of the present invention **10**. Phone kiosks **360** are sized and shaped to resemble palm trees and will be located all around the island for the convenience of the visitors and will be equipped with single push button direct links to security, EMT and hotels. The replica coconuts on the palm tree will be equipped with surround sound **364** speakers. Outside lines will be prohibited. The phones will have a code for the handicapped. Turning the push button into voice activation with a tiny microchip acknowledging the code. The code will never change. The phones will be set high enough so children cannot play with them.

FIGURE 30 is an illustrative view of a tri-level guest unit **82** of the present invention **10**. Twenty tri-level units **82** are provided within the ocean waters. The shape of each tri-level guest unit **82** will be of a golf tee, following the theme of the resort. They will all be scattered close to the main island **22** with access by an arched bridge. The ocean water will regenerate itself like all other units but here, not only will the ocean water act like a shower **96** with hot and cold water and flow switch, but the third floor has a pool **90** with water slides **94** into the ocean. All tri-level guest units **82** include a hydraulic retractable ceiling **108**. The first floor will be entry living area **86**. The second

floor is for bedrooms for kids **88** and the third floor **90** will have an inside waterfall **96** fed by a round cylindrical pipe **96** for the pool **90** as well as showers. The master bedrooms **92** will have an array of foliage, giving a tropical feeling. There is also a wet bar for adults **104** There is a children's bar **106** located on the second floor **88**. All units are clear. The through cylinder **98** will have different color lights **100** for each unit **88**, following the theme of rainbow. The light beams **100** project into the cylinder **98** with a luminescence control switch **102**. Also provided is a handicap entrance and handicap friendly facilities. The present invention **10** takes ocean water and puts it through the desalination process for all purposes requiring water.

FIGURE 31 is an illustrative view of the rain forest enclosure **366** of the present invention **10**. Shown is a climate controlled rain forest enclosure **366** for public awareness of the importance of the eco-system. The rain forest **366** has sound effects, actual rain, actual animals from the rain forest **368** and the like. The trees and other vegetation are designed to look like authentic plant life from the rain forest but are synthetic and mechanized. Periodically, a computerized replica of a bulldozer comes through to knock down the trees and vegetation to simulate the horrors of man destroying the rain forests and to educate people of

the losses our planet is suffering and will never be able to reclaim. Unlike the actual rain forests, the trees and vegetation spring back to their original glory when the bulldozer leaves.

FIGURE 32 is an illustrative view of the wolf habitat enclosure **372** of the present invention **10**. Shown is a wolf habitat enclosure **372** for public awareness of the importance of the eco-system and endangered species. The wolf habitat **372** can change in appearance to depict the arctic, mountain or woodland environments and natural habitats of the wolf **374**. The wolf habitat **372** is located on the main island **22** for viewing by the guests **370**. Guests **370** can participate to a certain extent. The wolf habitat **372** has tropical and sub-zero conditions to let the wolves **374** roam through different habitats.

FIGURE 33 is a chart of the present invention **10** showing other services, facilities and protocol of the present invention **10**.

It will be understood that each of the elements described above, or two or more together may also find a useful application in other types of methods differing from the type described above.

While certain novel features of this invention have been shown and described and are pointed out in the annexed claims, it is not intended to be limited to the details above, since it will be understood that various omissions, modifications, substitutions and changes in the forms and details of the device illustrated and in its operation can be made by those skilled in the art without departing in any way from the spirit of the present invention.

Without further analysis, the foregoing will so fully reveal the gist of the present invention that others can, by applying current knowledge, readily adapt it for various applications without omitting features that, from the standpoint of prior art, fairly constitute essential characteristics of the generic or specific aspects of this invention.